



# SCHEDULE

## Knowledge Graphs and Semantic Web Conference 2022

November 21, 2022

10:00 am – 4:50pm

Central European Time (Madrid)

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10:00 am – 10:30 am

**KGSWC 2022 opening  
Main Chairs**

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10:30 am – 11:30 am

**Keynote**

**Maria-Esther Vidal**, Leibniz Universität Hannover, Germany

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11:30 am – 11:40 am

**Break**

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**Conferences Day 1**

**Session 1**

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11:40 am – 12:00 pm

**DBkWik++ - Multi Source Matching of Knowledge Graphs**  
**Sven Hertling and Heiko Paulheim**

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12:00 pm – 12:20 pm

**A Survey on Knowledge Graph-based Methods for  
Automated Driving**  
**Juergen Luetttin, Sebastian Monka, Cory Henson and  
Lavdim Halilaj**

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12:20 pm – 12:40 pm

**Physicians' Brain Digital Twin: Holistic Clinical & Biomedical  
Knowledge Graphs for Patient Safety and Value-Based Care  
to Prevent The Post-pandemic Healthcare Ecosystem Crisis**  
**Asoke Talukder, Erwin Selg and Roland Haas**

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12:40 pm – 1:00 pm

**Combining Ontology and Natural Language Processing  
methods for Prevention of Falls from Height**  
**Sarra Ben Abbes, Lynda Temal, Guillaume Arbod, Pierre-  
Luc Lanteri-Minet and Philippe Calvez.**

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# KGSWC 2022

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1:00 pm – 1:20 pm	Q&A Session 1
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1:20 pm – 2:00 pm	Lunch Break
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	Conferences Day 1	Session 2
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2:00 pm – 2:20 pm	<b>Learning to Automatically Generating Genre-Specific Song Lyrics: A Comparative Study</b> <b>Tze Huat Tee, Belicia Qiao Bei Yeap, Keng Hoon Gan and Tien Ping Tan</b>
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2:20 pm – 2:40 pm	<b>DLIME-Graphs: A DLIME Extension based on Triple Embedding for Graphs</b> <b>Yoan A. López, Hector González-Diez, Orlando Grabiél Toledano-López, Yusniel Hidalgo-Delgado, Erik Mannens and Thomas Demeester</b>
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2:40 pm – 3:00 pm	<b>Edge-labelled graphs and property graphs - to the user, more similar than different</b> <b>Paul Warren and Paul Mulholland</b>
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3:00 pm – 3:20 pm	<b>Knowledge Graph supported machine parameterization for the injection moulding industry</b> <b>Stefan Bachhofner, Kabul Kurniawan, Elmar Kiesling, Kate Revoredo and <u>Dina Bayomie</u></b>
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3:20 pm – 4:00 pm	Industry Talk on <b>Semantic data models construction in the H2020 PLATOON project</b> Sarrah BEN ABBES and Lynda TEMAL, CSAI Lab ENGIE, France
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4:00 pm – 4:50 pm	<b>Keynote Speaker</b> <b>Pascal Hitzler, Kansas State University, USA</b>
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	End First Day
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## Knowledge Graphs and Semantic Web Conference 2022

November 22, 2022

10:00 am – 4:50 pm

Central European Time (Madrid)

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10:00 am – 11:00 am

**Keynote**

**Paul Groth**, University of Amsterdam, Netherlands

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11:30 am – 11:40 am

**Break**

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**Conferences Day 2**

**Session 3**

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11:40 am – 12:00 pm

**Flexible Queries over Knowledge Graphs**

**José Félix Yagüe**, **Ignacio Huitzil**, **Carlos Bobed** and **Fernando Bobillo**

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12:00 am – 12:20 pm

**Convolutional Neural Networks applied to emotion analysis in texts: Experimentation from the Mexican context**

**Juan Carlos Garduño-Miralrio**, **David Valle-Cruz**, **Asdrúbal López-Chau** and **Rafael Rojas-Hernández**.

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12:20 pm – 12:40 pm

**Proficient Annotation Recommendation in a Biomedical Content Authoring Environment**

**Asim Abbas**, **Nadeem Iqbal**, **Steve Mbouadeu**, **Avinash Bisram**, **Fazel Keshtkar** and **Syed Ahmad Chan Bukhari**.

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12:40 pm – 1:00 pm

**DKMI: Diversification of Web Image Search using Knowledge Centric Machine Intelligence**

**Mohnish S**, **Gerard Deepak**, **Praveen Sv** and **Sheeba Priyadarshini J**

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1:00 pm – 1:20 pm

**Q&A Session 3**

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1:20 pm – 2:00 pm

**Lunch Break**

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# KGSWC 2022

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Conferences Day 2

Session 4

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2:00 pm – 2:20 pm

Does Wikidata Support Analogical Reasoning?  
Filip Ilievski, Jay Pujara and Kartik Shenoy

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2:20 pm – 2:40 pm

IPR: Integrative Policy Recommendation Framework based on Hybrid Semantics  
Divyanshu Singh, Gerard Deepak and Sheeba Priyadarshini J

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2:40 pm – 3:00 pm

Knowledge Graphs for Community Detection in Textual Data  
Federica Rollo and Laura Po

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3:00 pm – 3:20 pm

Framework for Author Name Disambiguation in Scientific Papers Using an Ontological Approach and Deep Learning  
Lisandra Díaz-de-la-Paz, Leonardo Concepción-Pérez, Jorge Armando Portal-Díaz, Alberto Taboada-Crispi and Amed Abel Leiva-Mederos

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3:20 pm -3:40 pm

From Ontology to Knowledge Graph Trend: Ontology As Foundation Layer For Knowledge Graph  
Fatima N. Al-Aswadi, Huah Yong Chan and Keng Hoon Gan

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3:40 pm – 4:00 pm

Break

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4:00 pm – 4:50 pm

Keynote

Ora Lassila, Principal Graph Technologist, Amazon Neptune

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End Second Day

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## Knowledge Graphs and Semantic Web Conference 2022

November 23, 2022

10:00 am – 4:50 pm

Central European Time (Madrid)

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10:30 am – 11:30 am

**Keynote**

**Roberto Navigli**, University of Rome, Italy

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11:30 am – 11:40 am

**Break**

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**Conferences Day 3**

**Session 5**

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11:40 am – 12:00 pm

On contrasting and completing YAGO with GPT language models: an experiment for person-related attributes

**David Martín Moncunill, Miguel-Angel Sicilia and Lino González**

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12:00 pm – 12:20 pm

Easy and complex: new perspectives for metadata modeling using RDF-star and Named Graphs

**Florian Rupp, Benjamin Schnabel and Kai Eckert**

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12:20 pm – 12:40 pm

Multi-Aspect Sentiment Analysis using Domain Ontologies

**Srishti Sharma, Mala Saraswat and Anil Kumar Dubey**

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12:40 pm – 1:00 pm

Popularity Driven Data Integration

**Fausto Giunchiglia, Simone Bocca, Mattia Fumagalli, Mayukh Bagchi and Alessio Zamboni**

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1:00 pm – 1:20 pm

Q&A Session 5

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# KGSWC 2022

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1:20 pm – 2:00 pm

Lunch Break

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Conferences Day 3

Session 6

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2:00 pm – 2:20 pm

Methodology for Creating a Community Corpus using a Wikibase Knowledge Graph  
**Sara Assefa Alemayehu, Kushagra Singh Bisen, Pierre Maret, Alexandra Creighton, Rachel Gorman, Bushra Kundi, Thumeka Mgwawi, Fabrice Muhlenbach, Serban Dinca-Panaitescu and Christo El Morr**

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2:20 pm – 2:40 pm

Understanding Human Activity Patterns in Smart Homes with Process Mining  
**Onur Dogan, Ekin Akkol and Muge Olucoglu**

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2:40 pm – 3:00 pm

String Matching based Framework for Online Hindi Question Answering System  
**Shikha Mehta, Sakshi Gupta, Raashi Agarwal, Shrashti Trivedi and Prajjwal Dubey**

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3:00 pm – 3:20 pm

Towards an ontological approach to business continuity assessment  
**Oussema Ben Amara, Antonio de Nicola, Daouda Kamissoko and Frederick Benaben**

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3:20 pm – 4:00 pm

Industry Talk on **Ontologies for Building Digital Twins**, **Pablo Vicente Legazpi**, Building Digital Twin Association (BDTA), Belgium

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4:00 pm – 4:50 pm

Main Chairs  
Closing KGSWC 2022

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